On page 6, line 6, please insert -- (Sequence Listing ID No. 6),-- after "QVMTPOGRGTVA".

On page 6, line 6, please insert -- (Sequence Listing ID No. 7),-- after "PTQYPPGRGTPPPPV".

On page 6, line 6, please insert -- (Sequence Listing ID No. 8),-- after "TPPPPVGRATPPPGI".

On page 6, line 7, please insert -- (Sequence Listing ID No. 9),-- after "PPPGIMAP".

On page 6, line 7, please insert -- (Sequence Listing ID No. 10), -- after "MAPPPGMRPPM".

On page 6, line 7, please insert -- (Sequence Listing ID No. 11), -- after "PIGLPPARGTPIGMPP".

On page 6, line 8, please insert -- (Sequence Listing ID No. 12), -- after "PIGMPPPG".

On page 6, line 8, please insert -- (Sequence Listing ID No. 13), -- after "RPPPPGIRGPP".

On page 6, line 8, please insert -- (Sequence Listing ID No. 14), -- after "RGPPPPGMRPPR".

On page 6, line 9, please insert -- (Sequence Listing ID No. 15), -- after "TFKAFDKHM".

On page 6, line 10, please insert -- (Sequence Listing ID No. 16),-- after "EGPPPKDT".

On page 6, line 10, please insert -- (Sequence Listing ID No. 17),-- after "KDTGIARV".

PRELIMINARY AMENDMENT On page 6, line 10, please insert -- (Sequence Listing ID No. 18),-- after "IPOAPAGLAG". On page 6, line 11, please insert/--(amino acids 4-11 of Sequence Listing ID No. 14), Fafter "PPPGMRPP". On page 6, line 14, please insert -- (amino acids 4-10 of Sequence Listing ID No. 14), -- after "PPPGMRP". On page 6, line 14, please insert / (amino acids 4-9 of Sequence Listing ID No. 14), after "PPPGMR". On page 6, line 17, please insert -- (amino acids 4-11 of Sequence Listing ID No. 14), -- after "PPPGMRPP". On page 6, line 32, please insert -- (amino acids 4-11 of Sequence Listing ID No. 14), - after "PPPGMRPP". On page 14, line 3, please insert - (Sequence Listing ID No. 19), -7 after "QVLNIOMRRTLHKAFKGS". On page 14, line 4, please insert # (Sequence Listing ID No. 20), — after "ICHQIEYYFGDFNLPRDKFLK". On page 14, line 5, please insert /- (Sequence Listing ID No. 21), -- after "WVPLEIMIKFNR". On page 14/ line 6, please delete the first K in "KKTKIRRSPSKPL". On page 14, line 6, please insert \(\frac{1}{2}\)-(Sequence Listing ID No. 22), -- /after "KTKIRRSPSKPL". On page 14, line 7, please insert (Sequence Listing ID No. 23), -- piter "NRLNRLTTDFNVIVE".

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On

-		On page 14, line 8, please insert - (Sequence Listing
as .	ID No.	24),after "GEIKWIDFVRGAK".
· · · · · · · · · · · · · · · · · · ·		On page 14, line 9, please insert - (Sequence Listing
a 10	ID No.	25),/after "SLNKWKSKGRRFKGKGKGNK".
		On page 14, line 10, please insert (Sequence Listing
all	ID No.	26), - after "GNLQLRNKEVTW".
		On page 14, line 11, please insert - (Sequence Listing
qir	ID No.	27), after "IFVVFDSIE".
		On page 14, line 12, please insert (Sequence Listing
^ Q 13	/ID No.	28), after "KETDLL <u>ILFKDDYF</u> A".
		On page 14, line 13, please insert) (Sequence Listing
a 19	ID No.	29), after "YKNDVKNRSVYIKGFPT".
		On page 14, line 14, please insert (Sequence Listing
ald	ID No.	30) \ after "TDFNVIVEA".
		On page 14, line 15, please insert (Sequence Listing
916	ID No.	31), - after "EGIILFKEKAK".
		On page 14, line 16, please insert }-(Sequence Listing
alle	ID No.	32), after "KVQFQGKKTKFASD".
		On page 14, line 17, please insert - (Sequence Listing
918	ID No.	33), after "REDLHILF".
		On page 14, line 18, please insert (Sequence Listing
Qis	ID No.	34), after "CLLKFSGD".
		On page 14, line 19, please insert - (Sequence Listing
DY.D	ID No.	35), after "TGPVKRAR".



On page 14, line 20, please insert \- (Sequence Listing ID No. 36), -- Vafter "KVEAKLRAKO". On page 18, line 10, please insert - (Sequence Listing ID No. 37), -- after "MNRLHRFL". On page 18, line 11, please insert - (Sequence Listing ID No. 38), -- after "LCFGSEGGT". On page 18, line 12/ please delete "45\*-48" and insert --41\*-48-- in place thereof. On page 18, line 12, please insert (Sequence Listing ID No. 39), -- after "SEGGTYYIKEQ". On page 18, line 13, please insert - (Sequence Listing ID No. 40), -- after "EIKSFSQEGRT". On page 18, line 14, please delete "45\*-48" and insert --41\*-48-- in place thereof.  $^{
m NU}$ On page 18, line 14, please insert - (Sequence Listing ID No. 41), -- after "SQEGRTTKQ". On page 18, line 15, please insert/ -- (Sequence Listing ID No. 42), -- after "GRTTKOEPM". On page 18, line 16, please insert / (Sequence Listing ID No. 43), -- after "ISTKOAAFKAVS". On page 18, line 17, please insert 1-(Sequence Listing ID No. 44), -- (after "AFKAVSEVC". On page 18, line 18, please insert \( \frac{1}{2} \) (Sequence Listing ID No. 45), -- (after "FTFIOFKKDLKESMK".

On page 18, line 19, please insert  $\frac{1}{\sqrt{}}$  (Sequence Listing ID No. 46), - f after "SMKCGMWGRA". On page 18, line 20, please insert / (Sequence Listing ID No. 47), -- (after "GMWGRALRKAIA". On page 18, line 21, please replace the O in "ALAVTKYKORNGWSHKDLLRSH" with a Q. On page 18, line 21, please insert  $\frac{1}{1}$  (Sequence Listing ID No. 48), -- after "ALAVTKYKORNGWSHKDLLRLSH". On page 18, line 22, please insert  $-\frac{1}{\sqrt{2}}$  (Sequence Listing ID No. 49),-/Tafter "LLRLSHLKPSS". On page 18, line 23, please insert /- (Sequence Listing ID No. 50), -- after "HELYKEKA". On page 18, line 24, please insert / (Sequence Listing ID No. 51), -- after "LYKEKALSV". On page 18, line 25, please insert -(Sequence Listing ID No. 52), -- fafter "KALSVETEKLLKYL". On page 18, line 22, please delete "215-222\*" and insert --216-222\*-- in place thereof. On page 18, line 26, please insert 4-(Sequence Listing ID No. 53), -- after "KLLKYLEA". On page 18; line 27, please delete "215-222" and insert --216-223-- in place thereof. On page 18, line 27, please insert /- (Sequence Listing ID No. 54), - (after "LEAVEKVKRTKDE".

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940	On page 18, line 28, please insert #-(Sequence Listing
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	ID No. 55), - after "HLLTNHLKSKEVWKALLQEMPL".
~!.	On page 18, line 29, please insert - (Sequence Listing
941	ID No. 56), after "ALLRNLGKMTA".
ـــاســـ	On page 18, line 30, please insert /- (Sequence Listing
atr	ID No. 57),after "LGKMTANS".
<b>~</b>	On page 18, line 31, please insert (Sequence Listing
Q43	ID No. 58), after "LCNEKLLKKARIHPFHI".
- 1.1	On page 18, line 32, please insert (Sequence Listing
944	ID No. 59), after "TYKTGHGLRGKLKWRPDE".
-	On page 18, line 33, please insert (Sequence Listing
945	ID No. 60), - after "ALDAAFYK".
	On page 18, line 34, please insert (Sequence Listing
aule	ID No. 61), after "AAFYKTFKTVEPTGKRFLLA".
	On page 18, line 35, please replace the O in
	"ASMNORVLGS" with a Q.
alld	On page 18, line 35, please insert (Sequence Listing
947	ID No. 62),- after "ASMNORVLGS".
	On page 18, line 36, please insert -(Sequence Listing
948	ID No. 63), Tafter "AMCMVVTR".
	On page 18, line 37, please insert (Sequence Listing
249	ID No. 64), (after "AFSDEMVP".
	On page 18, line 38, please insert - (Sequence Listing
a50	ID No. 65), after "VPCPVTTD".
<u>i</u> -	

"YVKHADGKKIDGRRVL".

On page 18, line 39, please insert #-(Sequence Listing ID No. 66), -- after "VLMAMSOI". On page 18, line 40, please insert F-(Sequence Listing 952 ID No. 67), - Tafter "TDCSLPMI". On page 18, line 41, please insert / (Sequence Listing 953 ID No. 68), -- after "CSLPMIWAOKTNTPA". On page 18, line 42, please insert /-- (Sequence Listing 954 ID No. 69), - after "TFAGGVHPAI". On page 18, line 43, please insert (Sequence Listing 955 ID No. 70), - fafter "IALREYRKKMDIPAKL". On page 18, line 44, please replace the "N" in "NTKYITKGWKEVHEL" with --IV--. On page 18, line 44, please insert (-- (Sequence Listing Q56 ID No. 71), - Tafter "IVTKYITKGWKEVHEL". On page 19, line 22, please insert (Sequence Listing 951 ID No. 72),--/after "ALFAPRDP". On page 19, line 22, please insert -- (Sequence Listing a58 ID No. 73), -- after "ERMERKRREK". On page 19, line 22, please insert a K after the first G in "HMVYSKRSGPRGY". On page 19, line 22, please insert -- (Sequence Listing ID No. 74), -- after "HMVYSKRSGKPRGY". On page 19, line 23, please delete the first V in

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	PRELIMINARY AMENDMENT
-	On page 19, line 23, please insert (Sequence Listing
0,5ª	ID No. 75), after "YKHADGKKIDGRRVL".
2	On-page 19, line 23, please insert (Sequence Listing
_a.60	ID No. 76), after "VERGRTVK".
`	On page 19, line 23, please delete "186" and insert
	-184 in place thereof.
	On page 19, line 23, please insert - (Sequence Listing
461	ID No. 77), - after "VKGWRPRR".
	On page 19, line 23, please insert (Sequence Listing
- Glip	ID No. 78), after "RRSRSRDK".
013	On page 19, line 24, please insert (Sequence Listing
a 63	ID No. 79), - after "RRRSRERS".
964	On page 19, line 24, please insert (Sequence Listing
401	ID No. 80), after "SRERSKDK".
965	On page 19, line 24, please insert (Sequence Listing
010	ID No. 81), after "KDKDRDRKRRSSRSR".
011	On page 19, line 25, please insert /- (Sequence Listing
466	ID No. 82), after "RRSHRSER".
	On page 19, line 27, please delete "916)" and insert
	-(16) in place thereof.
01.1	On page 19, line 27, please insert (Sequence Listing
WVI	ID No. 83), after "NLNEKIKKD".
012	On page 19, line 27, please insert - (Sequence Listing
	ID No. 84),- after "IKKDELKKSL".

On page 19, line 28, please replace the O in

"LVSRSLKMRGOAF" with a Q. On page 19, line 28, please insert (Sequence Listing ID No. 85), -- (after "LVSRSLKMRGQAF". On page 19, line 28, please insert  $\frac{1}{2}$  (Sequence Listing ID No. 86), -- /after "QGFPFYDKPMRI". On page 19, line 28, please insert 1/(Sequence Listing ID No. 87), - fafter "IIAKMKGTF". On page 19, line 29, please insert // (Sequence Listing ID No. 88), -- (after "ERDRKREKRKPKS". On page 19, line 29, please insert  $\frac{1}{n}$ -(Sequence Listing J ID No. 89), after "OETPATKKA". On page 19, line 29, please replace the O in "<u>ALOGFKIT</u>" with a Q. On page 19, line 29, please insert  $-\frac{1}{7}$  (Sequence Listing ID No. 90), after "ALOGFKIT". On page 19, line 30, please insert/--(Sequence Listing ID No. 91), -- Vafter "AMKISFAKK". On page 20, line 4, please insert \( \frac{1}{2} \) (Sequence Listing ID No. 92), \frac{1}{1} after "SVRKTHCSGRKHKENVKD". On page 20, line 4, please insert #(Sequence Listing ID No. 93), -- after "KDYYQKWM". On page 20, line 5, please replace the O's in "AFOOGKIPP" with Q's.

10

and		On page 20, line 5, please insert - (Sequence Listing
410	ID No.	94), after "AFQOGKIPP".
	·	On page 20, line 5, please insert (Sequence Listing
979	ID No.	95), after "KIPPTPFS".
	<del> </del>	On page 20, line 5, please insert - (Sequence Listing
980	ID No.	96), - after "PPPPSLPG".
م ما	<del> </del>	On page 20, line 5, please insert (Sequence Listing
981	ID No.	97), after "SLPGPPRP".
	<del></del>	On page 20, line 6, please insert (Sequence Listing
982	ID No.	98),-/after "GPPRPGMMPA".
	<del></del>	On page 20, line 6, please insert - (Sequence Listing
083	ID No.	99), after "PPPPGMMP".
0 21		On page 20, line 6, please insert (Sequence Listing
<u>a 84</u>	ID No.	100),- after "GPAPGMRPP".
95		On page 20, line 6, please insert (Sequence Listing
0,0	ID No.	101), - after "PPMMRPPA".
180		On page 20, line 7, please insert - (Sequence Listing
~ M 8/0	ID No.	102), after "PGMTRPDR".
MON		On page 20, line 21, please insert -(amino acids 3-10
0101	of Seq	uence Listing ID No. 10) after "PPPGMRPP".
090		On page 20, line 23, please insert - (amino acids 3-10
MOO	of Seq	uence Listing ID No. 13),-fafter "PPPGIRGP".
0.00		On page 20, line 25, please insert (Sequence Listing
U87.	ID No.	116)-/after "PAPGMRPP".

42